## **Listing of Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

Claims 1-9. (Canceled).

Claim 10. (Currently Amended) A mutant *ras* peptide **comprising** consisting of between 13 and 8 amino acids, wherein said peptide is the following peptide or a fragment thereof:

an amino acid sequence of at least 8 amino acids, from the sequence consisting of Xaa<sub>1</sub> Leu Xaa<sub>2</sub> Val Val Gly Ala Xaa<sub>3</sub> Gly Val Gly Lys Ser (SEQ ID NO:<del>15</del> <u>14</u>);

wherein Xaa<sub>1</sub> is the amino acid lysine or tyrosine;

wherein Xaa2 is an amino acid;

wherein Xaa<sub>3</sub> is selected from the group consisting of aspartic acid, valine, cysteine, alanine, arginine, and serine;

wherein when Xaa<sub>2</sub> is valine, Xaa<sub>1</sub> is tyrosine and said peptide elicits a peptide-specific human CD8<sup>+</sup> cytotoxic T lymphocyte immune response.

- Claim 11. (Currently amended) The mutant ras peptide of claim 10 or 72, wherein the peptide comprises an amino acid sequence of consists of 13 amino acids.
- Claim 12. (Currently amended) The mutant *ras* peptide of claim 10 or 72, wherein the peptide comprises an amino acid sequence consists of 10 amino acids.
- Claim 13. (Currently amended) The mutant *ras* peptide of claim 10 o<del>r 72</del>, wherein Xaa<sub>1</sub> is tyrosine.
- Claim 14. (Currently amended) The mutant *ras* peptide of claim 10 <del>or 72</del>, wherein Xaa<sub>2</sub> is selected from the group consisting of valine, tryptophan, leucine, tyrosine, and phenylalanine.

Claim 15. (Currently amended) The mutant *ras* peptide of claim 10 o<del>r 72</del> wherein Xaa<sub>1</sub> is tyrosine, and Xaa<sub>3</sub> is aspartic acid.

Claims 16-24. (canceled).

Claim 25. (Previously presented) A mutant *ras* peptide-carrier molecule conjugate comprising the mutant *ras* peptide of claim 10 or 72 and a carrier molecule, wherein said carrier molecule enhances the immunogenicity of the peptide.

Claim 26. (canceled).

Claim 27. (Previously presented) An immunogen for eliciting a mutant *ras* peptide-specific human CD8<sup>+</sup> cytotoxic T lymphocyte immune response comprising a mutant *ras* peptide of claim 10 or 72, wherein the immunogen elicits a mutant *ras* peptide-specific human CD8<sup>+</sup> cytotoxic T lymphocyte immune response.

Claims 28-31. (canceled).

- Claim 32. (Previously presented) A pharmaceutical composition comprising the mutant *ras* peptide of claim 10 or 72 and a pharmaceutically acceptable carrier.
- Claim 33 (previously presented) The pharmaceutical composition of claim 32, further comprising a biological response modifier.
- Claim 34. (previously presented) The pharmaceutical composition of claim 32, further comprising a liposome formulation, an antigen presenting cell, or an adjuvant comprising mycobacterial cell wall skeleton and monophosphoryl lipid A.

Claims 35-65. (canceled).

Claim 66. (previously presented) The mutant *ras* peptide-carrier molecule conjugate of claim 25, wherein the carrier molecule is selected from the group consisting of influenza peptide, tetanus toxoid-CD4 epitope, Pseudomonas exotoxin A, and poly-L-lysine.

- Claim 67. (previously presented) The mutant *ras* peptide-carrier molecule conjugate of claim 25, wherein the carrier molecule is tetanus toxoid.
- Claim 68. (previously presented) The pharmaceutical composition of claim 33, wherein the biological response modifier is interleukin 2.
  - Claim 69. (canceled).
- Claim 70. (previously presented) The pharmaceutical composition of claim 32, further comprising interleukin 2, interleukin 6, interleukin 12, interferon, tumor necrosis factor, GM-CSF,  $\beta$ 2-microglobulin, or combinations thereof.
- Claim 71. (previously presented) The pharmaceutical composition of claim 33, further comprising a liposome formulation, an antigen presenting cell, or an adjuvant comprising mycobacterial cell wall skeleton and monophosphoryl lipid A.
- Claim 72. (currently amended) A mutant ras peptide comprising:

  an amino acid sequence of at least 8 consisting of 10 amino acids, wherein

  said amino acid from the sequence comprises\_consisting of Tyr Leu Val Val Val Gly

  Ala Asp Gly Val (SEQ ID NO:11) Tyr Xaa<sub>1</sub> Leu Xaa<sub>2</sub> Val Val Gly Ala Xaa<sub>3</sub> Gly Val Gly

  Lys Ser (SEQ ID NO:16);

-, c - c - (
—— wherein Xaa₁ is the amino acid lysine or tyrosine;
——— wherein Xaa <sub>2</sub> is an amino acid;
—— wherein Xaa <sub>3</sub> is selected from the group consisting of aspartic acid, valine
cysteine, alanine, arginine, and serine;
—— wherein when Xaa₂ is valine, Xaa₁ is tyresine

U.S. Serial No. 09/155,590

and said peptide elicits a peptide-specific human CD8\*-cytotoxic T lymphocyte immune response.